## What is claimed is:

- A pharmaceutical composition comprising synergistically effective amounts of:
  - (A) cefpirome, and
  - (B) a dalfopristine/quinupristine combination.
- A pharmaceutical composition according to claim 1, wherein quinupristine and dalfopristine are present in a ratio of approximately 30:70.
- A pharmaceutical composition according to claim 1, wherein said dalfopristine/quinupristine combination is in a liquid, lyophilized, or frozen form.
- 4. A method for treating a bacterial infection in a patient, said method comprising administering to a patient in need thereof synergistically effective amounts of:
  - (A) cefpirome, and
  - (B) a dalfopristine/quinupristine combination.
- A method for treating a bacterial infection in a patient according to claim 4, wherein said cefpirome and said dalfopristine/quinupristine combination are administered simultaneously or sequentially.

- A method for treating a bacterial infection in a patient according to claim 4, wherein said cefpirome and said dalfopristine/quinupristine combination are administered through a multilumen catheter
- 7. A method for treating a bacterial infection in a patient according to claim 4, wherein said cefpirome and said dalfopristine/quinupristine combination are administered in the form of two infusion bags, one containing the cefpirome and the other containing the dalfopristine/quinupristine combination.
- 8. A method for treating a bacterial infection in a patient according to claim 4, wherein said cefpirome and said dalfopristine/quinupristine combination are administered in the form of two syringes, one containing the cefpirome and the other containing the dalfopristine/quinupristine combination.
- 9. A method for treating a bacterial infection in a patient according to claim 4, wherein said cefpirome and said dalfopristine/quinupristine combination are administered in the form of an infusion bag and a syringe, with one containing the cefpirome and the other containing the dalfopristine/quinupristine combination.
- 10. A method for treating a bacterial infection in a patient according to claim 4, wherein said patient is in need of treatment for infections caused by both gram-positive and gram-negative microorganisms.

- 11. A method for treating a bacterial infection according to claim 4, wherein the dalfopristine/quinupristine combination is administered to said patient in an amount ranging from about 5 to about 60 mg/kg/day and the cefpirome is administered in an amount ranging from about 2 to about 4 g/day.
- 12. A method for treating a bacterial infection according to claim 4, wherein the dalfopristine/quinupristine combination is administered to said patient in an amount ranging from about 10 to about 30 mg/kg/day and the cefpirome is administered in an amount ranging from about 2 to about 4 g/day.
- A method for treating a bacterial infection according to claim
  wherein the cefpirome is administered in two infusions, two direct intravenous injections, or one infusion and one direct intravenous injection.
- A method for treating a bacterial infection according to claim
  wherein the cefpirome is administered in two infusions, two direct intravenous injections, or one infusion and one direct intravenous injection.
- 15. A method for treating endocarditis, said method comprising administering to a patient in need of such treatment synergistically effective amounts of cerbirome and a dalfopristine/guinupristine combination.
- A kit comprising synergistically effective amounts of cefpirome and of a dalfopristine/quinupristine combination.
- A kit according to claim 16, wherein said kit is suitable for parenteral administration.

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- 18. A kit according to claim 16, wherein the cefpirome and the dalfopristine/quinupristine combination are each contained in a container independently chosen from an infusion bag, a vial, a bottle, and a syringe.
- A kit according to claim 18, wherein the syringe is a double compartment syringe.